Table Jlb.--Physical Properties of the Soils

(Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.)

Print date: 01/22/2004

Map symbol   and soil name	Depth     Depth   	   Sand	   Silt	Clay	   Moist	Permea-   bility   (Ksat)	Available water capacity	   Linear  extensi-   bility	   Organic   matter 	Erosio	on fact	ors	  erodi-  bility	Wind - erodi-  bility  index
					bulk   density					Kw	   Kf 	   T 		
	In	Pct	Pct	Pct	g/cc	In/hr	-	Pct	Pct		 		ļ	
GpF3:	 										 	 		
Gilpin	0-3	0-50	   50-83	15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	   3		i
0115111	3-25				1.20-1.50		0.12-0.16	1		.24	.28			i
	25-32				1.20-1.50	!	0.08-0.12	I		.24	.32	! 		
	32-36		İ			0.2-2								
Daabada	   0-3	0-50		l 15 07	  1 00 1 40	   0.6-2	0.12-0.16		1.0-4.0		42	   3		
Peabody	0-3   3-24		50-83  		1.20-1.40	0.6-2	0.12-0.16	1	1.0-4.0	.43	.43	3		
		 	 	35-50	1.30-1.60 	Į.	0.10-0.14	6.0-8.9 		.32	.32 	 		
	24-28		 		 	0.0000-0.2		 			 	 	 	 
GvF:	! 				 	 	i i	 			 		İ	
Gilpin	0-3	0-50	50-83	15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9	0.5-4.0	.24	.32	3	i	i
-	3-25			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	i	.24	.28	İ	İ	İ
	25-32	i i		15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	i	.24	.32	İ	İ	İ
	32-36	j i				0.2-2	j	<u> </u>		ļ	ļ	į	ļ	į
Pineville	   0-3	   23-52	   28-50	15-25	  1.00-1.30	   0.6-2	0.12-0.18	 	0.5-5.0	1 .20	   .24	   5	 	
THEVITTE	3-56		20 30		1.30-1.60		0.08-0.14		0.3 3.0	1.15	1 .17	]		
	56-65	i i			1.30-1.60	1	0.06-0.14	1		.15	.20	<u> </u>		
На:								 						
наскеrs	l l 0-8	l 0-50		15_27	  1.20-1.40	l   0.6-2	0.18-0.24	   0 0-2 0	2.0-4.0	1 .32	l   .32	l l 5	 	 
nackers	0-6   8-50	0-30			1.30-1.50		0.13-0.24	1	2.0-4.0	37	37	]	 	
	50-65				1.30-1.50	Į.	0.12-0.18	I		.28	.28	! 	 	
	į	į į	į			į	į		į	ĺ	į	ĺ	į	į
MoB:														
Monongahela	0-8	0-50			1.20-1.40		0.18-0.24	1	2.0-4.0	.43	.43	4		
	8-23				1.30-1.50	Į.	0.14-0.18	I	0.0-0.5	.43	.43			
	23-65			18-35	1.30-1.60	0.06-0.6	0.08-0.12	0.0-2.9	0.0-0.5	.43	.49	 		
Ms:	 	 	 			 					! 	 	! 	
Moshannon	0-10	0-50	50-83	15-27	1.20-1.50	0.6-2	0.20-0.24	0.0-2.9	1.0-3.0	.37	.37	5		i
	10-38				1.20-1.50		0.18-0.22	0.0-2.9		.37	.37	İ	İ	İ
	38-65	i i	i		1.20-1.50		0.14-0.18			.37	.43	İ	į	İ
			İ	-					İ			İ	İ	İ

Table Jlb.--Physical Properties of the Soils--Continued

Map symbol and soil name	Depth San	Sand	Silt	   Clay   	Moist   bulk   density	Permea-   bility   (Ksat)	Available water capacity	extensi-	   Organic	Erosion factors			1	Wind  erodi
		   	 						matter 	Kw	   Kf 	   T 	bility  group	
PvE:	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Pineville	l l 0-3	   23-52	   28-50	   15-25	  1.00-1.30	l   0.6-2	0.12-0.18	   0 0-2 9	0.5-5.0	1 .20	1 .24	   5	 	 
11116 11116	3-56				1.30-1.60		0.08-0.14			1.15	1.17			
	56-65				1.30-1.60		0.06-0.14			1.15	.20		ļ	
RpF3:		 		<u> </u>	<u> </u>			 				 		
Rock outcrop	0-60 	0-0	0-0	0-0 	 		0.00-0.00	 	0.0-0.0	.02	.02	1 		0 
Peabody	0-3	   0-50	50-83	   15-27	  1.20-1.40	0.6-2	0.12-0.16	   0.0-2.9	1.0-4.0	1.43	.43	)   3	 	
-	3-24				1.30-1.60		0.10-0.14	6.0-8.9	i	.32	.32	İ	İ	
	24-28		 		 	0.0000-0.2								
Gilpin	0-3	0-50	50-83	   15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3		
	3-25			1 -0 00	1.20-1.50	1	0.12-0.16		]	.24	.28			
	25-32				1.20-1.50		0.08-0.12			.24	.32	ļ		
	32-36			 	 	0.2-2		 				 	 	
Sc:			ĺ	į	j		j	<u> </u>	<u> </u>	j	ļ	į	į	ļ
Senecaville	0-5	0-50	50-83	I	1.20-1.40	I	0.18-0.24		2.0-4.0	.32	.32	5		
	5-32 32-65			ı	1.20-1.40 1.20-1.40	ı	0.12-0.18	I	0.0-0.5	.37	.37 .28	l I	! 	 
G		į i						į	ļ				į	
Sm: Senecaville	l l 0-5	0 50	E0 02	   15 27	  1.20-1.40	   0.6-2	0.18-0.24		2.0-4.0	1 .32	1 .32	   5	 	 
Sellecaville	5-32	0-30			1.20-1.40		0.18-0.24		0.0-0.5	37	37	3		
	32-65				1.20-1.40		0.12-0.18		0.0-0.5	.28	.28		ļ	
Melvin	   0-7	   0-50	50-83	   12-17	  1.20-1.60	   0.6-2	0.18-0.23	   0.0-2.9	0.5-3.0	1.43	1.43	   5	 	
	7-24	i i			1.30-1.60		0.18-0.23		0.5-2.0	.43	.43	İ	İ	<u> </u>
	24-65			7-40	1.40-1.70	0.6-2	0.16-0.23	0.0-2.9	0.2-1.0	.43	.43	İ	į	j I
Ss:		 	 	 	 	 		 	 			 	 	
Sensabaugh	0-6	0-50		ı	1.25-1.40		0.12-0.18		1.0-3.0	.24	.24	5		
	6-29			1 20 33	1.30-1.50		0.10-0.16			.20	.24			
	29-65 	 		12-38 	1.25-1.50 	0.6-6	0.08-0.14	0.0-2.9 		.17	.20 	 	 	
TsB:			F0.55	10.5=									ļ	
Tilsit	0-7	0-50  	50-83		1.20-1.55		0.16-0.22	1	1.0-3.0	.43	1	3		
	7-21 21-43				1.30-1.55 1.40-1.65	l .	0.16-0.22			.43	.43			
	43-47					0.06-0.2		0.0-2.9				 		 
	-5 -7					3.00 0.2		İ	İ		İ	<u> </u>	İ	

Table Jlb.--Physical Properties of the Soils--Continued

Map symbol   and soil name   	Depth	Sand	   Silt	Clay	Moist   bulk   density	   Permea-	Available water capacity	   Linear	   Organic	Erosi	on fac		Wind  erodi-	
	-   	 	 	1		bility   (Ksat)		extensi-	matter	Kw	   Kf	   T	bility	bility  index
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Ud:		!								!	ļ	ļ	ļ	
Udorthents			 		 	 		 	 		 	 		
UgC3:														
Upshur	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	.43	4		
	6-34			40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9		.32	.32			
	34-44			27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9		.32	.32			
	44-48					0.0000-0.2						Ì		Ì
Gilpin	l l 0-3	   0-50	   50-83	15-27	  1.20-1.40	   0.6-2	0.12-0.18	   0.0-2.9	0.5-4.0	1 .32	1 .32	   3		
	3-25				1.20-1.50	ļ.	0.12-0.16	1		.24	.28	-		İ
	25-32		i i		1.20-1.50	I .	0.08-0.12			.24	.32	i	İ	i
	32-36				!	0.2-2						<u> </u>		ļ
UqD3:	 					 		 						
Upshur	l l 0-6	0-50	l   50-83	15 27	1 1.20-1.40	l   0.6-2	0.12-0.16	2050	1 1.0-4.0	.43	1 .43	   4		
Opsilur	6-34	0-30  	30-63  		1.30-1.40		0.12-0.16	!	1.0-4.0	1 .32	1 .32	4		
	34-44		 		1.30-1.60		0.10-0.14		 	32	32			-
	44-48		 			0.000-0.2		3.0-5.9		.32	.34	 		
		<u> </u>							į	į			į	į
Gilpin	0-3	0-50			1.20-1.40		0.12-0.18	1	0.5-4.0	.32	.32	3		
	3-25				1.20-1.50		0.12-0.16			.24	.28			
	25-32				1.20-1.50	I .	0.08-0.12	1		.24	.32	ļ		ļ
	32-36		 		 	0.2-2		 				 		
UgE3:					 			 						
Upshur	0-6	0-50	50-83	15-27	1.20-1.40	0.6-2	0.12-0.16	3.0-5.9	1.0-4.0	.43	.43	4		
	6-34			40-55	1.30-1.60	0.06-0.2	0.10-0.14	6.0-8.9		.32	.32	ĺ		İ
	34-44			27-45	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9		.32	.32			
	44-48					0.0000-0.2						Ì		Ì
  Gilpin	   0-3	   0-50	   50-83	15-27	  1.20-1.40	   0.6-2	0.12-0.18	   0.0-2.9	0.5-4.0	1 .32	   .32	   3		
	3-25				1.20-1.50		0.12-0.16			.24	.28	-		İ
	25-32				1.20-1.50		0.08-0.12	1		.24	.32	i		i
	32-36				ı	0.2-2								
VaD:	 				 	 								
Vandalia	l l 0-6	0-50	l   50-83	20-27	1 1.20-1.50	   0.2-2	0.12-0.18	3 0-5 0	1.0-3.0	1 .37	   .37	l l 5		
vanuarra	6-54	0-30  	30-63  		1.30-1.60		0.12-0.15	1	1.0-3.0	1.32	32	ا	<b>-</b>	<b>-</b>
	54-65		 		1.30-1.60		0.12-0.15	1		1 .32	.32   .32		1	
	05-50			Z 1-50	1 30 - 1 . 60	0.00-0.6	10.00-0.12	0.0-0.9		.34	.3∠	!	-	

Table Jlb.--Physical Properties of the Soils--Continued

Map symbol	   Depth	Sand	Silt	Clay	   Moist	   Permea-	  Available	   Linear	   Organic	Erosi	on fac	tors	1	Wind  erodi-
and soil name	Ì				bulk	bility	water	extensi-	matter	ĺ			bility	bility
				I	density	(Ksat)	capacity	bility		Kw	Kf	T	group	index
	   In	Pct	Pct	Pct	   g/cc	In/hr	-    In/in	Pct	Pct		 			
VbD:					ĺ					ĺ	ĺ	İ	İ	
Vandalia	0-6	0-50	50-83	20-27	1.20-1.50	0.2-2	0.12-0.18	3.0-5.9	1.0-3.0	.32	.37	5		
	6-54			27-50	1.30-1.60	0.06-0.6	0.12-0.15	6.0-8.9		.32	.32			
	54-65			27-50	1.30-1.60	0.06-0.6	0.08-0.12	6.0-8.9		.32	.32	ļ	ļ	İ
w:	 	 	 						 		 		 	 
Water	j	j			Í Í		ĺ	j	j	j	j	j	j	j